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**PATENT**  
Serial No: 10/777,656  
Docket No: 29287-142

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Keiji Tomooka, et al.  
Serial No.: 10/777,656  
Filed: February 13, 2004  
For: OPTICAL TRANSMISSION SYSTEM  
CONSTRUCTING METHOD AND SYSTEM  
Group Art Unit: 2638 Confirmation No: 5642  
Examiner: Hanh Phan

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**RESPONSE TO OFFICE ACTION**

**Mail Stop — Non-Fee Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action mailed October 4, 2005, Applicants respectfully submit the following amendments and remarks.